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I hereby certify that this TRANSMITTAL is being deposited with the U.S. Postal Service, with sufficient postage, as first class mail in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231, on this 14<sup>th</sup> day of November, 2001.

Typed or Printed name of person signing this certificate:

Wendy A. Frick

Signed: Wendy A. Frick



24024

PATENT TRADEMARK OFFICE

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PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

Hazen, et al.

Serial No.: 09/931,287

Filed: August 16, 2001

For: **DIAGNOSTIC METHODS FOR  
ASTHMA**

Examiner: Not yet assigned

Art Unit: 1644

Attorney Docket No.: 26473/04195

COPY OF PAPERS  
ORIGINALLY FILED

Assistant Commissioner for Patents  
Washington, D.C. 20231

**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT**

Sir:

Transmitted herewith are the following:

1. Information Disclosure Statement;
2. Form PTO-1449;
3. 10 References; and
4. A Return Receipt Postcard.

It is believed that no further fee is required relating to the filing of this Information Disclosure Statement. If this is not the case, the Patent Office is hereby authorized to charge any related fee to Deposit Account No. 03-0172. A duplicate copy of this sheet is attached.

Respectfully submitted,

Date: November 14, 2001

By:

Pamela A. Docherty  
Pamela A. Docherty, Reg. No. 40,591  
(216) 622-8416



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Typed or Printed name of person signing this certificate:

Signed: Wendy A. Frick  
Wendy A. Frick

PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:	)	Examiner: Not yet assigned
Hazen, et al.	)	
Serial No.: 09/931,287	)	Art Unit: 1644
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For: <b>DIAGNOSTIC METHODS FOR</b>	)	Attorney Docket No.: 26473/04195
<b>ASTHMA</b>	)	

Assistant Commissioner for Patents  
Washington, D.C. 20231

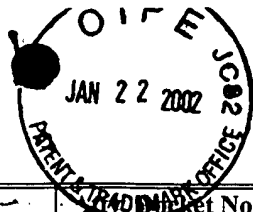
INFORMATION DISCLOSURE STATEMENT

Dear Sir:

The information enclosed and cited on the accompanying form PTO-1449 is hereby submitted in compliance with 37 CFR §§1.56, 1.97 and 1.98 for consideration by the Examiner in connection with the application.

Respectfully submitted,

Date: November 14, 2001By: Pamela A. Docherty  
Pamela A. Docherty, Reg. No. 40,591  
(216) 622-8416



Subst. Form PTO-1449	Patent No.: 26473/04195	Serial No.: 09/931,287
APPLICANT'S INFORMATION DISCLOSURE STATEMENT	RECEIVED FEB 04 2002 TECH CENTER 1600/2900	
	Applicant: Hazen, et al. Filing Date: August 16, 2001 Group: 1644	

## U.S. PATENT DOCUMENTS

Initial*		Document No.	Date	Name	Class	Subcl.	Filing Date
	AA	5,710,2485 ✓	January 20, 1998	Grose			July 29, 1996
	AB	6,306,576 ✓	October 23, 2001	Hazen			Feb. 19, 1999
	AC						
	AD						

## FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subcl.	Translation?
	AE	98/10295	12 March 1998	WO			
	AF						
	AG						
	AH						
	AI						

## OTHER PRIOR ART

	AJ	"Protein epitopes: functional vs. structural definitions" by S.J. Smith-Gill, 55 <sup>th</sup> Forum in Immunology, pp. 67-70. ✓
	AK	"The Merck Manual of Diagnosis and Therapy", Sixteenth Edition, 1992, pp. 1229-1233. ✓
	AL	Abstract 209, "3-Bromo- and 3,5-Dibromo-Tyrosine: Potential Markers for Eosinophil-Dependent Injury <i>In Vivo</i> " by Hazen, et al., 5 <sup>th</sup> Annual Meeting of the Oxygen Society, November 19-23, 1998, Washington, D.C. ✓
	AM	"Eosinophilia" by Rothenberg, <u>The New England Journal of Medicine</u> , Vol. 338, No. 22, May 28, 1998, pp. 1592-1600. ✓
	AN	"3-Bromotyrosine and 3,5-Dibromotyrosine Are Major Products of Protein Oxidation by Eosinophil Peroxidase: Potential Markers for Eosinophil-Dependent Tissue Injury in Vivo" by Wu, et al., <u>Biochemistry</u> , Vol. 38, No. 12, 1999, pp. 3538-3548. ✓
	AO	"Role of eosinophil peroxidase in the origins of protein oxidation in asthma" by Mitra, et al., <u>Redox Report</u> , Vol. 5, No. 4, 2000, pp. 215-224. ✓
	AP	"Eosinophils generate brominating oxidants in allergen-induced asthma" by Wu, et al., <u>The Journal of Clinical Investigation</u> , Vol. 105, No. 10, May 2000, pp. 1455-1463. ✓
	AQ	
	AR	
Examiner:		
Date Considered:		

\*EXAMINER: Initial if reference considered, whether or not citation is in conformation with MPEP 609; draw line through citation if in conformance and not considered. Include copy of this form with next communication to applicant.